



PATENT  
P56987

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

MICHAEL REDECKER

Serial No.: 10/727,642

Examiner: THOMPSON, CAMIE S

Filed: 5 December 2003

Art Unit: 1794

For: MOLECULAR CHEMICAL COMPOUNDS WITH STRUCTURES ALLOWING ELECTRON DISPLACEMENT AND CAPABLE OF EMITTING PHOTOLUMINESCENT RADIATION, AND PHOTOLUMINESCENCE QUENCHING DEVICE EMPLOYING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references. Under 37 C.F.R. §1.98(a)(2) however, copies of U.S. patent reference(s) are not provided.

**FOREIGN PATENT REFERENCE(S):**

1. Japanese Patent Publication No. 03-075785 to Niimi *et al.*, entitled *METHOD FOR RESTORING FATIGUE OF ELECTROPHOTOGRAPHIC SENSITIVE BODY*, published on 29 March 1991; and

12/19/2007 JADD01 00000037 10727642

01 FC:1006

100.00 0P

Folio: P56987  
Date: 12/18/07  
I.D.: REB/ny

2. Japanese Patent Publication No. 04-240654 to Hanatani *et al.*, entitled *ELECTROPHOTOGRAPHIC SENSITIVE BODY*, published on 27 August 1992.

**OTHER DOCUMENT:**

- *Office action* from the Japanese Patent Office issued in Applicant's corresponding Japanese Patent Application No. 2004-007343 dated 13 November 2007.

**DISCUSSION**

As cited in the Office action issued by the Japanese Patent Office of on 13 November 2007 in applicant's corresponding Japanese Patent Application No. 2004-007343 corresponding to applicant's above-captioned U.S. Patent Application, Niimi *et al.* JP'785 discloses that a good image can be obtained by incorporating in the photosensitive layer formed on the conductive substrate the compound represented by formula I or II in which Ar1 is an optionally substituted aromatic hydrocarbon or heterocyclic group; A is an optionally substituted N-substituted carbazolyl group or a group represented by formula III; R3 is H, alkyl, alkocy, aryloxy, dialkylamino, diarylamino, or halogen; each of R4 and R5 is optionally substituted alkyl or aryl; Ar is an aromatic hydrocarbon group or heterocyclic group; and (n) is an integer of 1 or 2.

Hanatani *et al.* JP'654 discloses that a photosensitive layer contg. a compd. represented by formula 1 is formed on an electrically conductive substrate. In formula 1, each of R1 and R2 is H, hydroxyl, nitro, cyano, etc., each of (n) and (m) is an integer of 1-3, R3 is H, alkyl, aralkyl, etc., each of Ar1 and Ar2 is aryl, alkyl, etc., Ar3 is H, alkyl, aryl, etc., and Ar4 is a specified group.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 C.F.R. §1.97(c)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Pursuant to 37 CFR § 1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three(3) months prior to the filing of the statement.

Respectfully submitted,



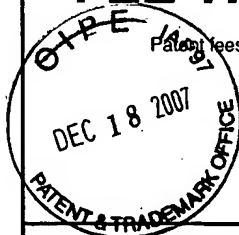
Robert E. Bushnell  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: (202) 408-9040

Folio: P56987  
Date: 18 December 2007  
I.D.: REB/ny

# FEE TRANSMITTAL

Patent fees are subject to annual revision.



## Complete If Known

Application Number	10/727,642
Filing Date	5 December 2003
First Named Inventor	MICHAEL REDECKER
Examiner Name	THOMPSON, CAMIE S
Group/Art Unit	1794
Attorney Docket No.	P56987

TOTAL AMOUNT OF PAYMENT

(\$)**180.00**

## METHOD OF PAYMENT (check one)

### 1. ☒ Payment Enclosed:

(CHECK #58474)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: **02-4943**

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>EXTENSION OF TIME FEES</b>					
1251	120	2251	60	Extension for reply within first month	\$
1252	460	2252	230	Extension for reply within second month	\$
1253	1050	2253	525	Extension for reply within third month	\$
1254	1640	2254	820	Extension for reply within fourth month	\$
1255	2230	2255	1115	Extension for reply within fifth month	\$
<b>APPEAL</b>					
1401	510	2401	255	Notice of Appeal	\$
1402	510	2402	255	Filing a brief in support of an appeal	\$
1403	1030	2403	515	Request for oral hearing	\$
<b>CLAIMS</b>					
1201	210	2201	105	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: LEFT COLUMN** \$0.00

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>MISCELLANEOUS</b>					
1801	\$810	2801	\$405	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
8021	\$40			Recordation of assignment per property	\$
<b>TRADEMARK</b>					
6001/7001			\$375	Application for registration, per class (paper)	\$
6002/7002			\$100	Amendment to Allege Use, per class	\$
6003/7003			\$100	Statement of Use, per class	\$
6004/7004			\$150	Request for six-month extension of time, per class	\$
6205/7205			\$100	\$8 affidavit, per class	\$
6208/7208			\$200	\$15 affidavit, per class	\$
6201/7201			\$400	Application for renewal, per class	\$
6403/7403			\$100	Ex parte appeal, per class	\$
<b>PETITION</b>					
1462			\$400	Petitions to Director (Group I)	\$
1463			\$200	Petitions to Director (Group II)	\$
1464			\$130	Petitions to Director (Group III)	\$
1452	\$510	2452	\$255	Petitions to revive unavoidably abandoned application	\$
1453	\$1540	2453	\$770	Petitions to revive unintentionally abandoned application	\$
<b>PATENT MAINTENANCE</b>					
1551	\$930	2551	\$465	Due at 3.5 years	\$
1552	\$2360	2552	\$1180	Due at 7.5 years	\$
1553	\$3910	2553	\$1955	Due at 11.5 years	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: RIGHT COLUMN** \$180.00

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	18 December 2007
		Deposit Account User ID	

REB/ny

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.